513

rrett Machine Tool Company

BARRETT VISES

MEADVILLE, PENNSYLVANIA
U. S. A.

Illustrated Catalogue

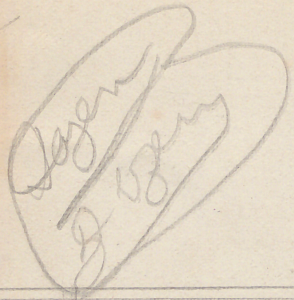
and Price List of

Barrett Vises

Manufactured by

Barrett Machine Tool Company

Meadville, Pa., U. S. A.



TERMS

All bills 30 days net cash from date of invoice.

All shipments F. O. B. Meadville.

All Vises for repairs should be shipped to factory, Meadville, Pa.

In ordering Vises give number.

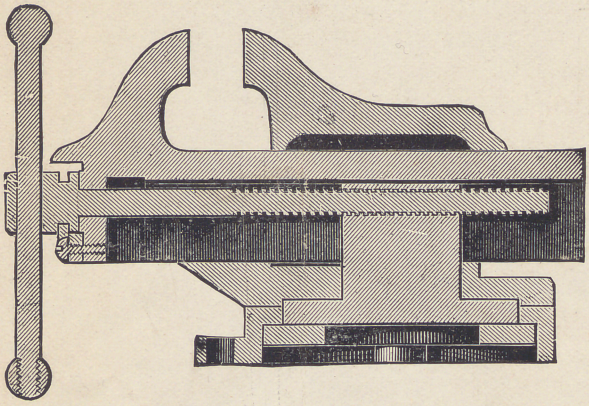
2515

TRIBUNE PUBLISHING CO.
MEADVILLE, PA.

TO THE TRADE.

THE leading feature of the BARRETT VISE is its **Adjustable Jaw,** by which tapering work of almost any angle can be gripped as firmly as straight work.

The manner by which this is accomplished is at once novel, simple, and effective. The body of the Vise is bored and fitted with a flange nut *which is free to revolve* in same ; the front jaw *passes over* this flange nut, consequently it is the front jaw that is adjustable to the tapering work, leaving the back jaw **solid and**



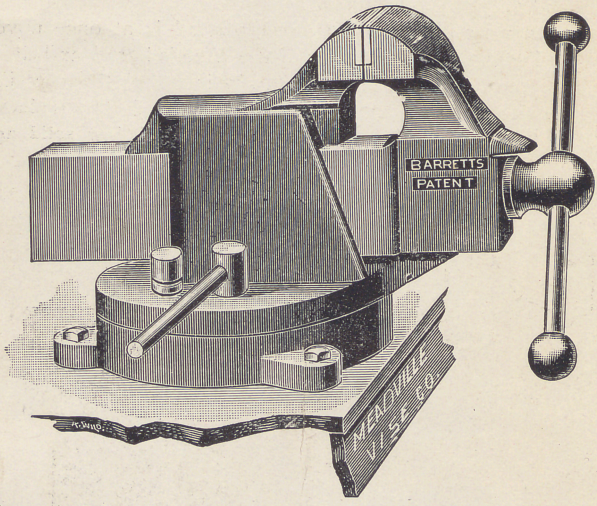
rigid, *capable of carrying the heaviest class of work and resisting the severest shock of chipping.* This construction also gives the operator perfect control of the swinging of the jaw *while he is tightening upon the work.*

The nut in which the screw works is set in center of the flange, which has a large bearing, both top and bottom, thereby *always* giving *direct* strain through the *center* of the bar in *whatever position* the Vise may be.

The jaws are faced with the best tool cast-steel, welded on, file-cut, and are of convenient shape for the workman to get near his work equally well for filing or chipping.

BARRETT

ADJUSTABLE JAW MACHINISTS' VISE.



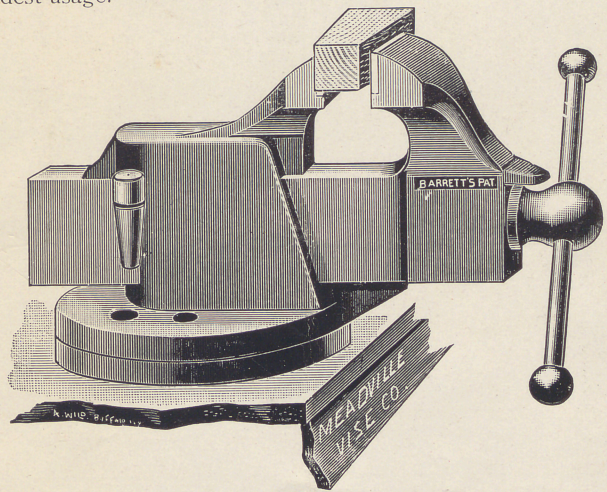
Barrett's Patent Swivel Bottom permits the Vise to be *instantly* adjusted to the right or left *at any angle*, at will of operator. Being quickly fastened by a friction plate, the Vise is rendered as *solid* and *firm* as if stationary, at any desired angle.

No.	*Width Jaw.*	*Weight.*	*Jaws Open.*	*Price.*
10	3 in.	24 lbs.	4 in.	$ 7 75
20	3½ "	37½ "	5 "	8 50
30	4⅛ "	58½ "	6 "	11 00
40	4⅝ "	72 "	7 "	12 50
50	5 "	105 "	8 "	17 75
60	5¼ "	110 "	8½ "	19 00
70	6 "	165 "	9 "	27 00
80	6¼ "	175 "	9½ "	30 00

BARRETT

PATENT ADJUSTABLE JAW VISE.

The Barrett's Patent Adjustable Jaw Vise, which the following cut fairly illustrates, is the *best, strongest, and most durable Vise made.* In point of workmanship and finish they are equal to any. They are scientifically proportioned, and made to stand the hardest usage.

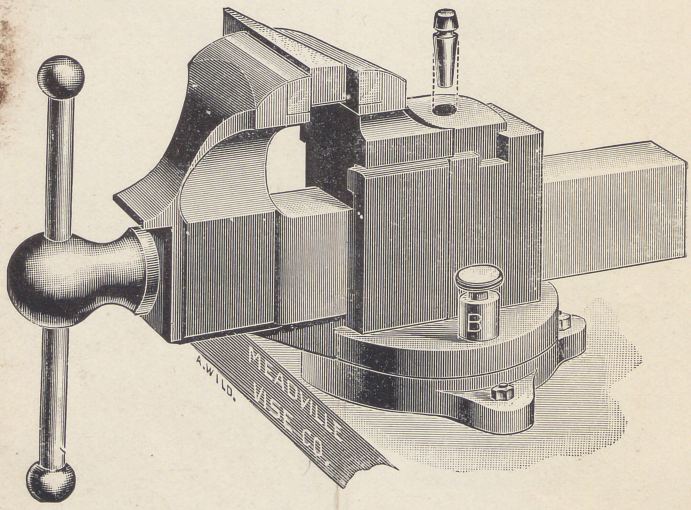


ADJUSTABLE JAW WITH STATIONARY BOTTOM.

No.	*Width of Jaw.*	*Weight.*	*Jaws Open.*	*Price.*
5	3 in.	20 lbs.	4 in.	$ 6 25
15	3½ "	35 "	5 "	7 00
25	4⅛ "	55 "	6 "	9 00
35	4⅝ "	65 "	7 "	10 50
45	5 "	94 "	8 "	15 50
55	5¼ "	97 "	8½ "	17 00
65	6 "	150 "	9 "	24 00
75	6¼ "	160 "	9½ "	27 00

Machinists' Self-Adjusting Jaw Vise

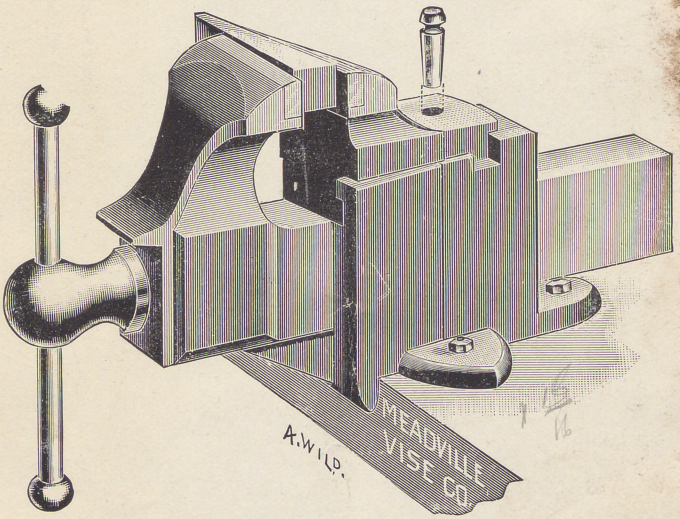
SWIVEL BOTTOM.



No.	*Width of Jaw*	*Jaws Open*	*Weight*	*Price*
73	$3\frac{1}{2}$ inch	$4\frac{3}{4}$ inch	32 lbs.	$ 8 50
74	4 "	$5\frac{1}{4}$ "	46 "	10 50
76	$4\frac{1}{2}$ "	6 "	65 "	12 50
77	$5\frac{1}{4}$ "	8 "	109 "	19 00
78	6 "	9 "	168 "	27 00
$78\frac{1}{2}$	7 "	11 "	207 "	35 00

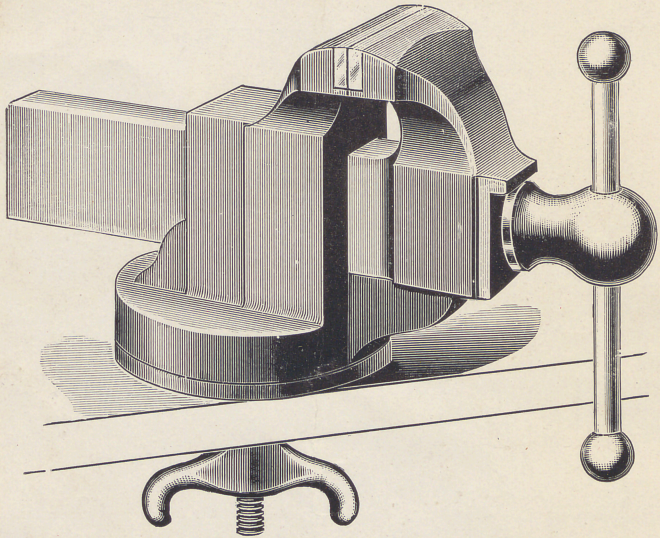
Machinists' Self-Adjusting Jaw Vise

STATIONARY BOTTOM.



No.	*Width of Jaws*	*Jaws Open*	*Weight*	*Price*
67	3½ inch	4¾ inch	28 lbs.	$ 7 00
68	4 "	5¼ "	41 "	9 00
69	4½ "	6 "	54 "	10 50
71	5¼ "	8 "	96 "	17 00
72	6 "	9 "	146 "	24 00
72½	7 "	11 "	184 "	30 00

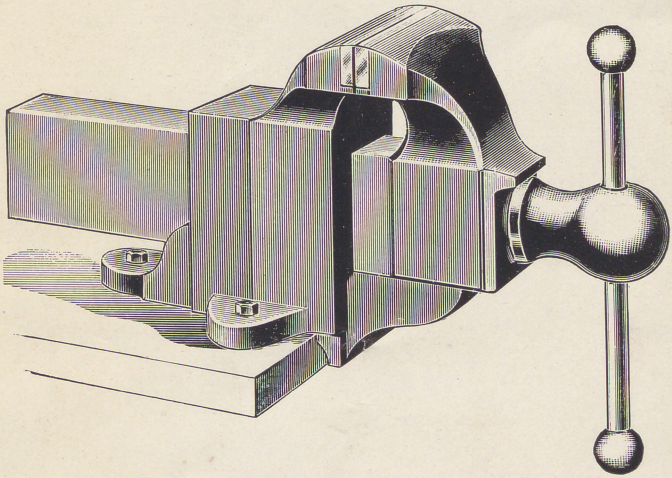
Machinists' Vises



MACHINISTS' SOLID JAW, SWIVEL BOTTOM PARALLEL VISE.

No.	*Width of Jaw*	*Jaws Open*	*Weight*	*Price*
403¼	3¼ inch	4 inch	28 lbs.	$ 7 50
403⅝	3⅝ "	5 "	36 "	8 75
404⅛	4⅛ "	5½ "	52 "	10 50
404⅝	4⅝ "	6¼ "	64 "	12 50
405	5 "	7 "	85 "	16 00
405½	5½ "	8½ "	115 "	22 00
406	6 "	9½ "	155 "	30 00

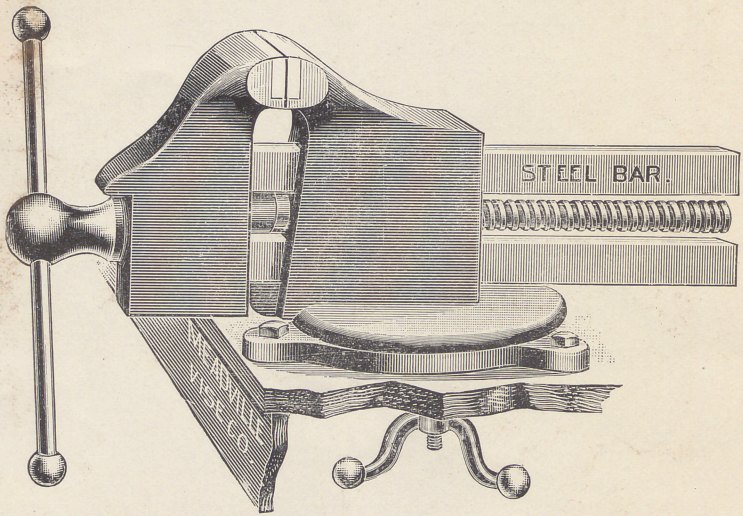
Machinists' Vises



MACHINISTS' SOLID JAW, STATIONARY BOTTOM, PARALLEL VISE

No.	*Width of Jaw*	*Jaws Open*	*Weight*	*Price*
303¼	3¼ inch	4 inch	22 lbs.	$ 6 00
303⅝	3⅝ "	5 "	28 "	7 00
304⅛	4⅛ "	5½ "	42 "	8 50
304⅝	4⅝ "	6¼ "	52 "	10 00
305	5 "	7 "	72 "	13 00
305½	5½ "	8½ "	100 "	18 50
306	6 "	9½ "	135 "	25 00

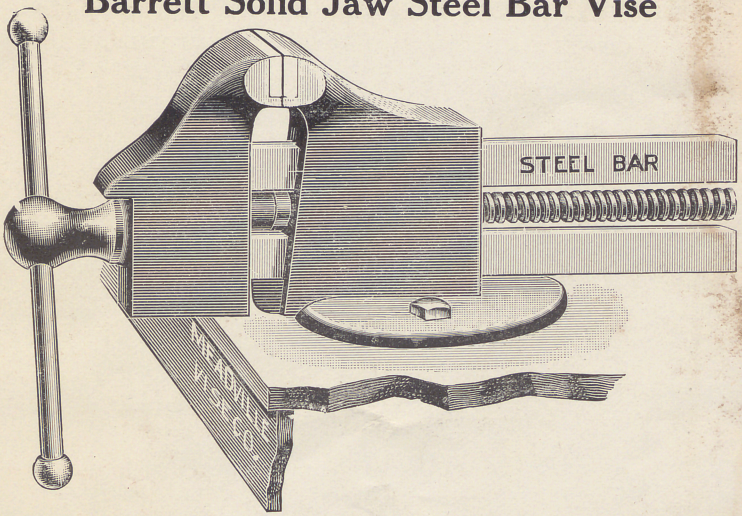
Barrett Steel Bar Swivel Bottom Vise



We claim this Vise to be the strongest upon the market, and guarantee the bars not to break ; has all the good features of the old style Vises, combined with the steel bars, which makes it the Vise for rough usage and all classes of work. The nut is made of malleable iron and can be replaced. Combined with steel screw and file cut jaws it is, without exception, the strongest Vise upon the market. We shall replace gratis any defects found.

No.	*Width of Jaw.*	*Jaws Open.*	*Weight.*	*List.*
53	3¾ inch.	5¼ inch.	44½ lbs.	$ 8 50
54	4¼ "	6 "	54½ "	11 00
56	4¾ "	7 "	81 "	12 50
57	5 "	8 "	95 "	17 75
58	5¼ "	8 "	100 "	19 00
59	6 "	9½ "	118½ "	27 00
62	6¼ "	9½ "	120 "	30 00
66	8 "			55 00

Barrett Solid Jaw Steel Bar Vise



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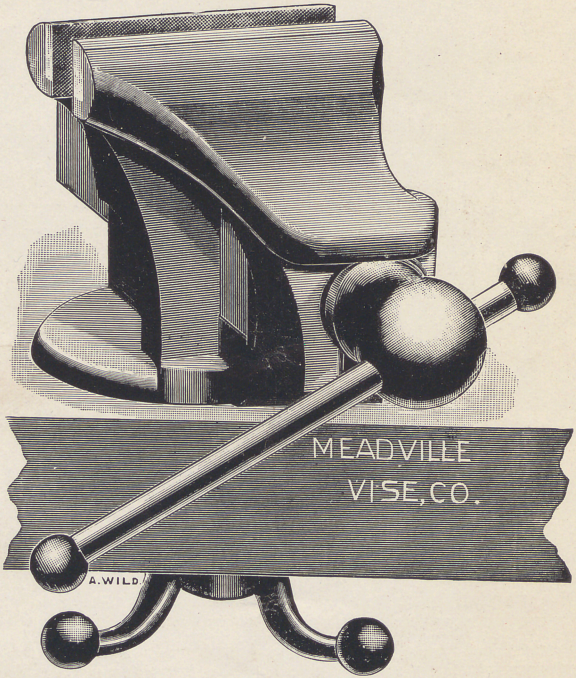
No.	*Width of Jaw.*	*Jaws Open.*	*Weight.*	*List.*
41	3¾ inch.	5¼ inch.	37 lbs.	$ 7 00
42	4¼ "	6 "	47 "	9 00
43	4¾ "	7 "	71 "	10 50
44	5 "	8 "	83 "	15 50
46	5¼ "	8 "	92 "	17 00
47	6 "	9½ "	110 "	24 00
48	6¼ "	9½ "	115 "	27 00
52	8 "			50 00

Barrett Off-set Jaw Vise

OFF-SET JAW. SWIVEL BOTTOM. MACHINIST VISE.

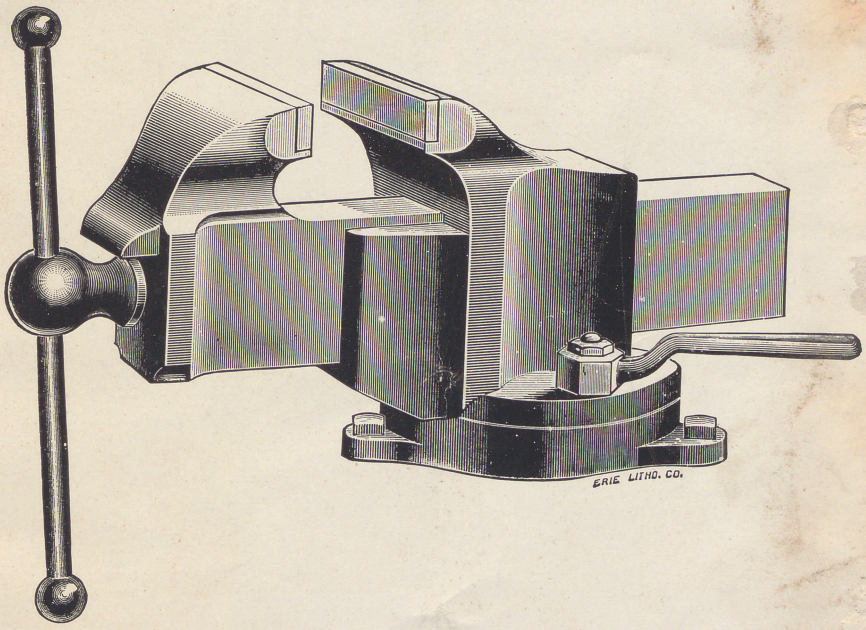


Specially adapted for drill press and planer work. Also equally good for special or regular bench work.

No.	*Width Jaw.*	*Jaw Offsets.*	*Jaws Open.*	*Price.*
81	6 in.	3¾ in.	7 in.	$24 00
82	6½ "	4¼ "	7½ "	31 00
83	7½ "	5 "	10½ "	42 00

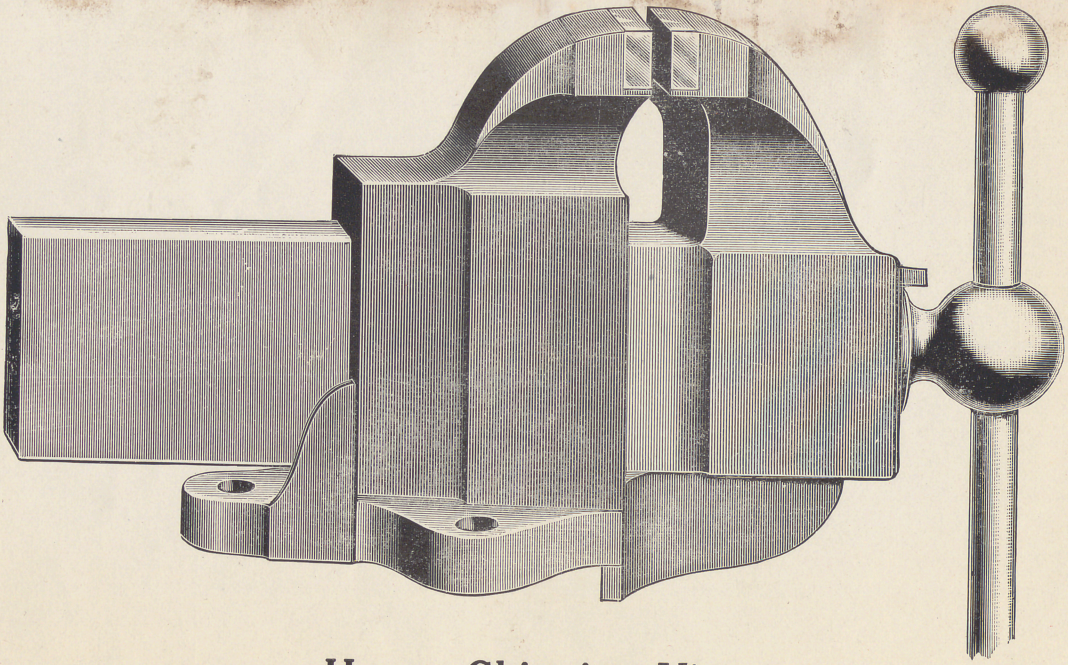
Barrett Off-set Jaw Vise

SIDE VIEW



The above cut shows our Improved Swivel Bottom and side brace to bar, which makes it strong and rigid when strain is put to Vise.

No.	*Width Jaw.*	*Jaw Offsets.*	*Jaws Open.*	*Price.*
84	6 in.	3¾ in.	7 in.	$28 00
85	6½ "	4¼ "	7½ "	35 00
86	7½ "	5 "	10½ "	45 00



Heavy Chipping Vise

Special Notice

Heavy Chipping Vise

On opposite page we illustrate the largest Vise we make, which is made especially to supply the demand for a Vise of this class for use in railroad and machine shops, foundries, glass works, mills and large manufactories.

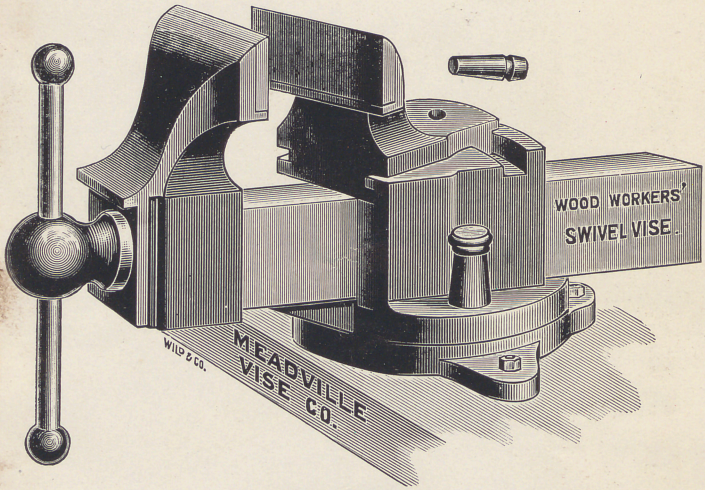
This is the strongest Vise in the market, and possesses all requisites to meet the heavy demands such an implement may be expected to have made upon it.

PRICE

No. 58, ... $50 00

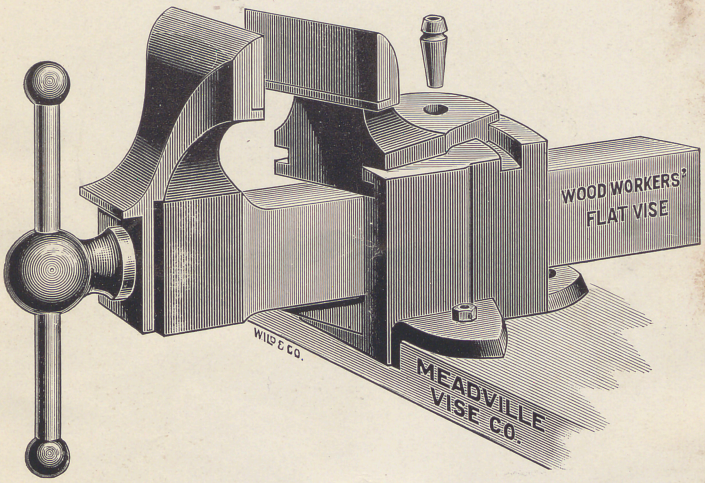
8½ inch jaws. Opens 12 inches. Weight 275 lbs.

COACHMAKERS' OR WOODWORKERS' VISES



No.	*Width of Jaw*	*Jaws Open*	*Weight*	*Price*
11	3½ inch	7 inch	34 lbs.	$ 9 50
12	4½ "	9½ "	67 "	13 00

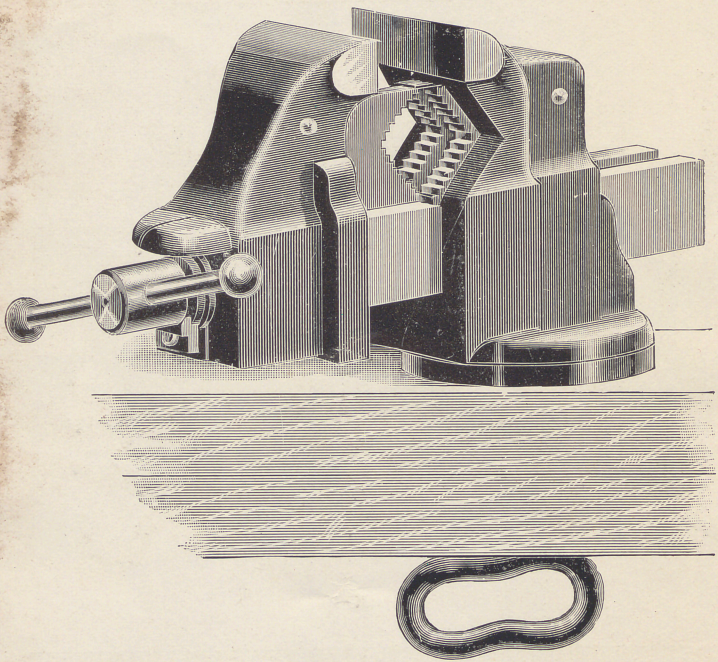
COACHMAKERS' OR WOODWORKERS' VISES



No.	*Width of Jaw*	*Jaws Open*	*Weight*	*Price*
11½	3½ inch	7 inch	30 lbs.	$ 8 00
12½	4½ "	9½ "	59 "	11 00

BARRETT PATENT

STEEL BAR COMBINATION PIPE VISE.



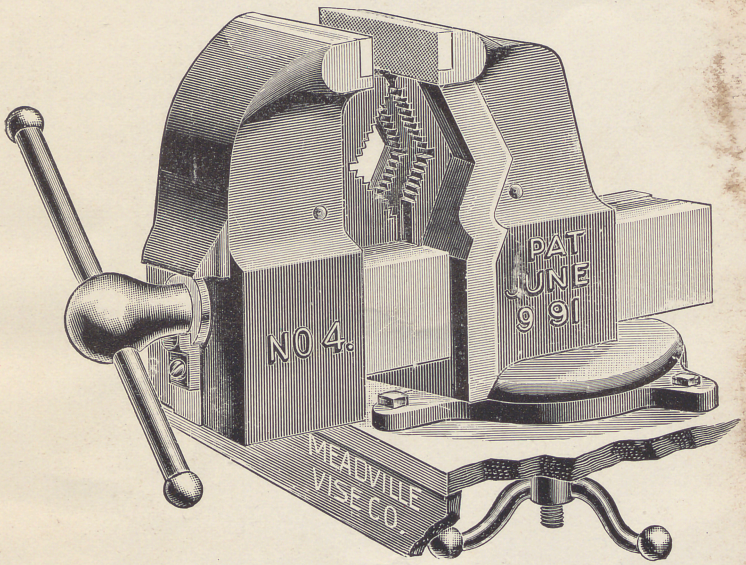
GUARANTEED NOT TO BREAK.

Strongest and Best Vise on the Market.

No.	*Jaws.*	*Holds Pipe.*	*Weight.*	*Price.*
1	4⅛ in.	⅛ to 2 in.	47½ lbs.	$16 00
2	4⅛ "	¼ " 3 "	56 "	20 00

BARRETT PATENT

STEEL BAR COMBINATION PIPE VISE.



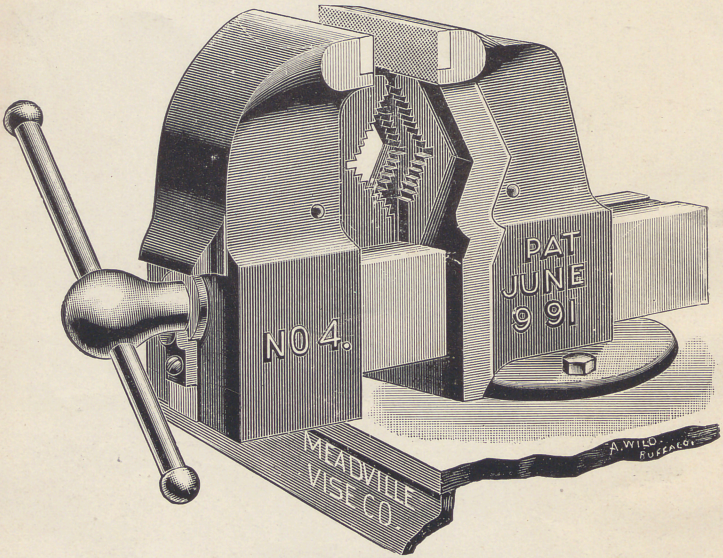
SWIVEL BOTTOM.

STRONGEST AND BEST VISE ON THE MARKET.

GUARANTEED NOT TO BREAK.

No.	*Jaws Open.*	*Takes Pipe.*	*Weight.*	*Price.*
3½	5 in.	¼ to 4 in.	118 lbs.	$32 00
4½	6 "	⅜ to 6 "	158 "	40 00

BARRETT PATENT
STEEL BAR COMBINATION PIPE VISE.



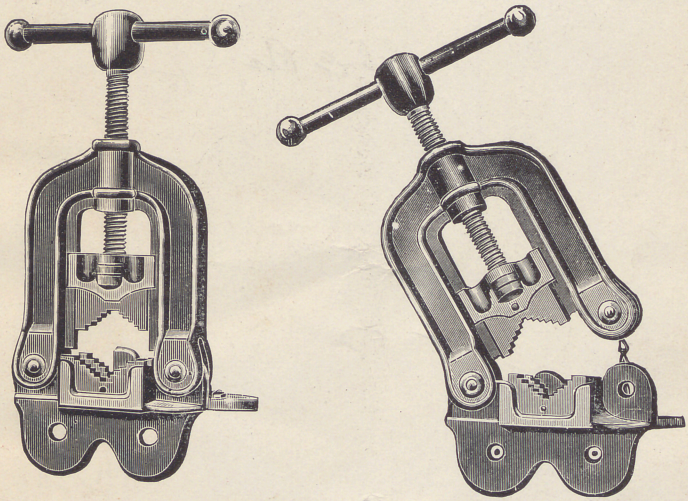
STATIONARY BOTTOM.

We absolutely guarantee the bars not to break; has all the good features of the old styles, and we are the only makers of this Vise; has malleable nut that can be replaced when worn out; steel screw; steel-faced, file-cut jaws; cast by our improved process, making steel and iron one continuous piece; steel jaws for holding pipe; best refined steel; in finish and looks the peer of any make. We will replace gratis any defects that are found.

No.	*Jaw Opens.*	*Takes Pipe.*	*Weight.*	*Price.*
3	5 in.	¼ to 4 in.	106 lbs.	$28 00
4	6 "	⅜ to 6 in.	145 "	35 00

BARRETT OPEN HINGED

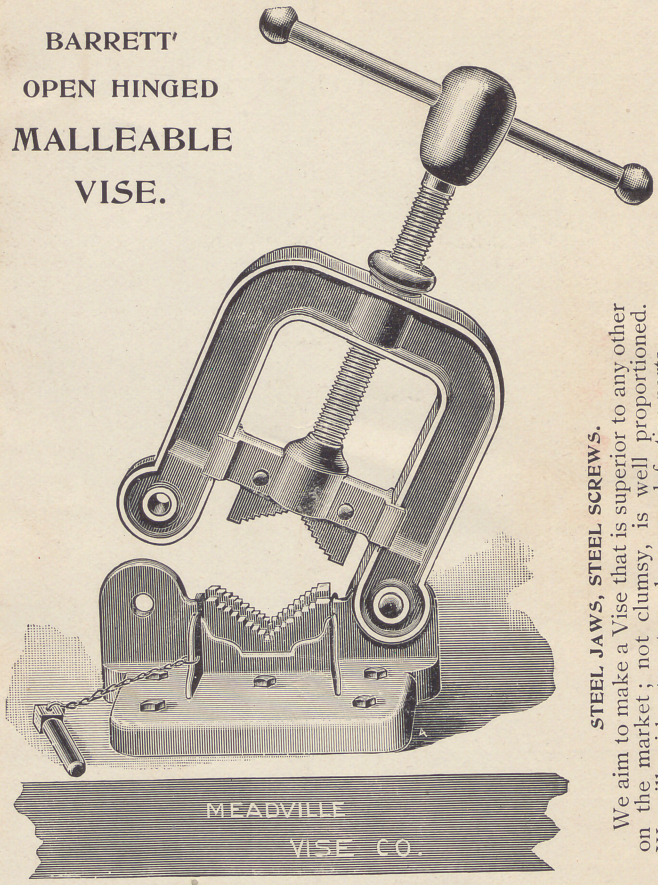
MALLEABLE PIPE VISE.



STEEL JAWS, STEEL SCREWS.

No.	*Takes Pipe.*	*Weight.*	*Price.*
1	⅛ to 2 in.	23 lbs.	$10 00
2	⅛ to 3 in.	26 "	14 00

BARRETT'
OPEN HINGED
MALLEABLE
VISE.



STEEL JAWS, STEEL SCREWS.

We aim to make a Vise that is superior to any other on the market; not clumsy, is well proportioned. We will, without cost, replace any defective parts.

No. 3.	Takes pipe ⅛ to 4 in., weighs 48 lbs.	$28 oc.
No. 4.	Takes pipe ⅛ to 6 in., weighs 74 lbs.	35 oc

PRICE LIST OF REPAIRS

Barrett Adjustable Jaw Vises

Size Jaws	*Bar*	*Back Jaw*	*Bottom*	*Nut*	*Ring*	*Handle & Screw*	*Pin*
3	$3 00	$3 00	$1 00	$1 25	$ 50	$2 00	$ 25
3½	3 25	3 25	1 50	1 50	60	2 25	30
4⅛	4 00	4 00	1 75	1 75	75	2 50	45
4⅝	5 00	5 00	2 00	2 00	1 00	2 75	50
5	6 00	6 00	2 50	2 25	1 00	3 00	60
5¼	6 25	6 25	2 50	2 25	1 00	3 00	60
6	7 00	7 00	2 75	2 50	1 25	3 00	60
6¼	8 00	8 00	3 00	2 75	1 50	3 25	60

Machinists' Self-Adjusting Jaw Vises

Size Jaws	*Body*	*Front Jaw*	*Back Jaw*	*Screw and Lever*	*Nut*	*Swivel Base*
3½	$ 1 75	$ 1 75	$ 1 75	$ 1 25	$ 40	$ 1 25
4	2 75	2 75	2 00	1 50	40	1 50
4½	3 25	3 25	2 25	1 75	60	2 00
5¼	5 50	5 50	3 50	2 25	75	3 00
6	7 50	7 50	6 00	3 50	1 00	4 50
7	11 00	11 00	6 00	3 50	1 25	6 00

Machinists' Vises

Size Jaws	*Body*	*Front Jaw*	*Screw and Lever*	*Nut*	*Swivel Base*
3⅛	$ 2 00	$ 1 50	$ 1 00	$ 40	$ 1 00
3⅝	2 50	1 75	1 25	40	1 25
4⅛	3 00	2 50	1 50	60	1 50
4⅝	3 50	3 25	1 50	60	1 75
5	5 00	4 50	1 75	75	2 00
5½	6 50	5 50	2 25	80	3 00
6	8 00	7 50	3 00	1 00	4 00
7	11 00	11 00	3 50	1 25	5 00
8	20 00	18 00	4 50	1 50	

Combination Pipe Vises

Size Jaws	*Bars*	*Back Jaws*	*Nuts*	*Washers*	*Hank Nut*	*Bench Bolts*	*Handle & Screw*	*Set Jaws*
4⅛	$ 8 00	$ 8 00	$1 60	$ 60	$ 50	$ 50	$ 4 00	$4 00
4⅝	10 00	10 00	2 00	70	60	50	4 50	5 50
5	12 00	12 00	3 00	90	90	75	5 00	8 00
6	15 00	15 00	3 00	90	90	90	5 00	9 50

Malleable Jaws, Per Set

No. 1, $1.00; No. 2, $1.50; No. 3, $3.00; No. 4, $4.50.